



- LEGEND**
- A - Selector Magnet Terminal Block (LSMU)
  - B - Line Test Key Terminals
  - C - Cabinet Terminals
  - D - D.C. Control Relay Block Terminals
  - E - Power Block Terminals (LSMU)
  - F - Keyboard Connector
  - J① - Line Relay Terminal Strip
  - J② - Line Relay Terminal
  - J③ - Line Relay Filter Terminals
  - L - Rectifier (120 mA) Terminals
  - N-M - (TD Relay) Control Device
  - N-N - (Connector-Plug Terminals (M9M - M9M))
  - P - AC Receptacle & Fuse
  - Q - AC Power Switch
  - R - Typing Unit
  - Y - Stunt Box Connector
- NOTES**
- All apparatus is shown in unoperated or de-energized position.
  - Circuits shown for .060 Amp. neutral signal line operation - for .020 Amp. line current, add dashed (---) connections and omit connections marked (---).
  - Unit wired for 115V 60 cps (1/2 1/2) AC power input. Control circuit wired for 48V DC input.
  - Spare lead from P18 is reserved for polar operation of signal generator.
  - Line Break Key is shown disabled with strap C10 - C11. To enable the break key, remove C10 - C11 strap.
  - This strap in receiving-only base connector.
  - Signal Generator as shown when key-board is used.
- STUNT BOX CONTACTS**
- | Slot           | Function (Circuit) |
|----------------|--------------------|
| 8              | Unlock             |
| 10, 17         | XD Start           |
| 20, 23, 32, 38 | Print Off Line     |
| 41             | Signal Bell        |
- SC - Service (Control) Cable**  
**ST - Start Relay Contacts**  
**RS - Request-to-Start Relay Contacts**  
**OL - Open Line Relay Contacts**  
**BL - Busy Line Relay Contacts**

7	REMOVED NOTE 8	7-20-65	1/2
8	CHANGED SLOT 36 TO 32	7-20-65	1/2
9	ADDED "KSR" TO TITLE	7-20-65	1/2
10	CHANGED TERMINAL POINTS	7-21-65	1/2
11	ADDED NOTE 8	7-21-65	1/2
12	INTERCHANGED F11 & F15	7-21-65	1/2
13	CORRECTED BL 3 TO 5	7-21-65	1/2
14	ADDED GND ON MOTOR FRAME	7-21-65	1/2
15	CHANGED WIRING 0.1μF CAPACITOR TO J③	7-21-65	1/2
16	ADDED DIODE TYPE B CAPACITOR VALUE	7-21-65	1/2
17	MODIFIED LEGEND REGARDING SR & P RELAYS	7-21-65	1/2
NO.	REVISION	DATE	CK'D
		2-9-65	

FEDERAL AVIATION AGENCY  
INSTALLATION AND MATERIEL DEPOT

FAA STANDARD  
MODEL 28 RO & KSR TELETYPEWRITER  
WIRING DIAGRAM

TECHNICAL APPROVAL BY: *Walden P. Kuebel*  
 SUBMITTED BY: *Walden P. Kuebel*  
 DRAWN BY: *Clyde Mathey*  
 DATE: 2-9-65

FINAL REVIEW BY: *Ray S. Taylor*  
 DRAWING NO. **IMD-D-361**